

First Named Component Leaching Index Values for CRP
Goldstream-Nenana Area, Alaska: Detailed Soil Map Legend (out-of-date)

(see footnotes at end of table)

Map Symbol	Component Name	Map Unit Name	Drained Index	Undrained Index
Br	BRADWAY	BRADWAY VERY FINE SANDY LOAM		1
DoA	DONNELLY	DONNELLY SILT LOAM, NEARLY LEVEL		3
DoB	DONNELLY	DONNELLY SILT LOAM, GENTLY SLOPING		3
DoF	DONNELLY	DONNELLY SILT LOAM, STEEP		3
EsD	ESTER	ESTER SILT LOAM, STRONGLY SLOPING		1
EsE	ESTER	ESTER SILT LOAM, MODERATELY STEEP		1
EsF	ESTER	ESTER SILT LOAM, STEEP		1
FaA	FAIRBANKS	FAIRBANKS SILT LOAM, NEARLY LEVEL		2
FaB	FAIRBANKS	FAIRBANKS SILT LOAM, GENTLY SLOPING		2
FaC	FAIRBANKS	FAIRBANKS SILT LOAM, MODERATELY SLOPING		2
FaD	FAIRBANKS	FAIRBANKS SILT LOAM, STRONGLY SLOPING		2
FaE	FAIRBANKS	FAIRBANKS SILT LOAM, MODERATELY STEEP		2
FaF	FAIRBANKS	FAIRBANKS SILT LOAM, STEEP		2
GmB	GILMORE	GILMORE SILT LOAM, GENTLY SLOPING		1
GmC	GILMORE	GILMORE SILT LOAM, MODERATELY SLOPING		1
GmD	GILMORE	GILMORE SILT LOAM, STRONGLY SLOPING		1
GmE	GILMORE	GILMORE SILT LOAM, MODERATELY STEEP		1
GmF	GILMORE	GILMORE SILT LOAM, STEEP		1
GrB	GILMORE	GILMORE SILT LOAM, VERY SHALLOW, GENTLY SLOPING		1
GrC	GILMORE	GILMORE SILT LOAM, VERY SHALLOW, MODERATELY SLOPING		1
GrE	GILMORE	GILMORE SILT LOAM, VERY SHALLOW, MODERATELY STEEP		1
GrF	GILMORE	GILMORE SILT LOAM, VERY SHALLOW, STEEP		1
GtA	GOLDSTREAM	GOLDSTREAM SILT LOAM, NEARLY LEVEL		1
GtB	GOLDSTREAM	GOLDSTREAM SILT LOAM, GENTLY SLOPING		1
GuA	GOODPASTER	GOODPASTER SILT LOAM		1
Lp	LEMETA	LEMETA PEAT		1
MnA	MINTO	MINTO SILT LOAM, NEARLY LEVEL		1
MnB	MINTO	MINTO SILT LOAM, GENTLY SLOPING		1
MnC	MINTO	MINTO SILT LOAM, MODERATELY SLOPING		1
MnD	MINTO	MINTO SILT LOAM, STRONGLY SLOPING		1
NaA	NENANA	NENANA SILT LOAM, NEARLY LEVEL		3
NaB	NENANA	NENANA SILT LOAM, GENTLY SLOPING		3
NeA	NENANA	NENANA SILT LOAM, SANDY SUBSTRATUM, NEARLY LEVEL		3
NeB	NENANA	NENANA SILT LOAM, SANDY SUBSTRATUM, GENTLY SLOPING		3
Sc	SALCHAKET	SALCHAKET VERY FINE SANDY LOAM		2
SuA	SAULICH	SAULICH SILT LOAM, NEARLY LEVEL		1
SuB	SAULICH	SAULICH SILT LOAM, GENTLY SLOPING		1
SuC	SAULICH	SAULICH SILT LOAM, MODERATELY SLOPING		1
SuD	SAULICH	SAULICH SILT LOAM, STRONGLY SLOPING		1
SuE	SAULICH	SAULICH SILT LOAM, MODERATELY STEEP		1
SuF	SAULICH	SAULICH SILT LOAM, STEEP		1
SvB	STEESE	STEESE SILT LOAM, GENTLY SLOPING		2
SvC	STEESE	STEESE SILT LOAM, MODERATELY SLOPING		2
SvD	STEESE	STEESE SILT LOAM, STRONGLY SLOPING		2
SvE	STEESE	STEESE SILT LOAM, MODERATELY STEEP		2
SvF	STEESE	STEESE SILT LOAM, STEEP		2
Ta	TANANA	TANANA SILT LOAM (TANANA-TANANA VARIANT)		1
Vk	VOLKMAR	VOLKMAR SILT LOAM		3

This report produces Leaching Index Values (1, 2 and 3) suitable for use as described in Part 539.58 - National Ranking Factor N2, Subfactor B in the CRP Manual. The index information presented in the report is based on data from the first named component of the soil map unit.

The values 1, 2 and 3 are derived by using the same algorithms included in the SOIL PESTICIDE INTERACTION SCREENING PROCEDURE II, Goss and Wauchope, November, 1990. These algorithms produce the leaching values 1, 2, 3 and 4 but this report reverses the order of meaning and combines values 3 and 4. Thus, this report, as required by CRP rules correctly reports 1 as low, 2 as medium, and 3 as high. These values are ready for use in determining signup scores for National ranking subfactor N2 without further code conversion.

Weighted Average Leaching Index Values for CRP
Goldstream-Nenana Area, Alaska: Detailed Soil Map Legend (out-of-date)

(see footnotes at end of table)

Map Symbol	Map Unit Name	Drained Index	Undrained Index
Br	BRADWAY VERY FINE SANDY LOAM		1
DoA	DONNELLY SILT LOAM, NEARLY LEVEL		3
DoB	DONNELLY SILT LOAM, GENTLY SLOPING		3
DoF	DONNELLY SILT LOAM, STEEP		3
EsD	ESTER SILT LOAM, STRONGLY SLOPING		1
EsE	ESTER SILT LOAM, MODERATELY STEEP		1
EsF	ESTER SILT LOAM, STEEP		1
FaA	FAIRBANKS SILT LOAM, NEARLY LEVEL		2
FaB	FAIRBANKS SILT LOAM, GENTLY SLOPING		2
FaC	FAIRBANKS SILT LOAM, MODERATELY SLOPING		2
FaD	FAIRBANKS SILT LOAM, STRONGLY SLOPING		2
FaE	FAIRBANKS SILT LOAM, MODERATELY STEEP		2
FaF	FAIRBANKS SILT LOAM, STEEP		2
GmB	GILMORE SILT LOAM, GENTLY SLOPING		1
GmC	GILMORE SILT LOAM, MODERATELY SLOPING		1
GmD	GILMORE SILT LOAM, STRONGLY SLOPING		1
GmE	GILMORE SILT LOAM, MODERATELY STEEP		1
GmF	GILMORE SILT LOAM, STEEP		1
GrB	GILMORE SILT LOAM, VERY SHALLOW, GENTLY SLOPING		1
GrC	GILMORE SILT LOAM, VERY SHALLOW, MODERATELY SLOPING		1
GrE	GILMORE SILT LOAM, VERY SHALLOW, MODERATELY STEEP		1
GrF	GILMORE SILT LOAM, VERY SHALLOW, STEEP		1
GtA	GOLDSTREAM SILT LOAM, NEARLY LEVEL		1
GtB	GOLDSTREAM SILT LOAM, GENTLY SLOPING		1
GuA	GOODPASTER SILT LOAM		1
Lp	LEMETA PEAT		1
MnA	MINTO SILT LOAM, NEARLY LEVEL		1
MnB	MINTO SILT LOAM, GENTLY SLOPING		1
MnC	MINTO SILT LOAM, MODERATELY SLOPING		1
MnD	MINTO SILT LOAM, STRONGLY SLOPING		1
NaA	NENANA SILT LOAM, NEARLY LEVEL		3
NaB	NENANA SILT LOAM, GENTLY SLOPING		3
NeA	NENANA SILT LOAM, SANDY SUBSTRATUM, NEARLY LEVEL		3
NeB	NENANA SILT LOAM, SANDY SUBSTRATUM, GENTLY SLOPING		3
Sc	SALCHAKET VERY FINE SANDY LOAM		2
SuA	SAULICH SILT LOAM, NEARLY LEVEL		1
SuB	SAULICH SILT LOAM, GENTLY SLOPING		1
SuC	SAULICH SILT LOAM, MODERATELY SLOPING		1
SuD	SAULICH SILT LOAM, STRONGLY SLOPING		1
SuE	SAULICH SILT LOAM, MODERATELY STEEP		1
SuF	SAULICH SILT LOAM, STEEP		1
SvB	STEESE SILT LOAM, GENTLY SLOPING		2
SvC	STEESE SILT LOAM, MODERATELY SLOPING		2
SvD	STEESE SILT LOAM, STRONGLY SLOPING		2
SvE	STEESE SILT LOAM, MODERATELY STEEP		2
SvF	STEESE SILT LOAM, STEEP		2
Ta	TANANA SILT LOAM (TANANA-TANANA VARIANT)		1
Vk	VOLKMAR SILT LOAM		3

This report produces Leaching Index Values (1, 2 and 3) suitable for use as described in Part 539.58 - National Ranking Factor N2, Subfactor B in the CRP Manual. The index information presented in the report is a weighted average of the component indexes by the map unit component percent composition.

The values 1, 2 and 3 are derived by using the same algorithms included in the SOIL PESTICIDE INTERACTION SCREENING PROCEDURE II, Goss and Wauchope, November, 1990. These algorithms produce the leaching values 1, 2, 3 and 4 but this report reverses the order of meaning and combines values 3 and 4. Thus, this report, as required by CRP rules correctly reports 1 as low, 2 as medium, and 3 as high. These values are ready for use in determining signup scores for National ranking subfactor N2 without further code conversion.